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TRG. PROGRAMS ETC.

JAN. - MAR. 1945

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7677

P-1 -E

SUBJECT: Training Hours.Mr. Trg Iner DMC ICF.
Ref HII/G4/65

24 March 45.

Commandant, Engineer Training Centre.

I am reviewing and republishing the programmes for our courses. Please let me know what hours you consider should be worked to daily.

JCB/raw

Major. RM.
SOME.

7677

SUBJECT :- Parties under Training at BRACCLANO.

11th De Trg Inor INTS IGP.
Ref 103/CL/60

24 March 45.

Commandant Engineer Training Centre.

1. Attached herewith diagram of the parties under training at BRACCLANO.
2. Please note that party No 6 will have to be formed up to start work on 2 April.

JCB/ren

Major RE.
SO RE.

7676

ENGINEER SECTION (BR)
A.F.H.Q.
C.M.F.
Tels. No. Freedom 335

FILE

SUBJECT: Engineer Training - IOP

ENG/815

TO : DLT

24 Mar 45

Reference "H" DTI HQ IOP letter DTI/G4/35 of 19 Mar 45 and conversation IATES - RMG.

1. The following comments are raised on the syllabus as submitted.

(a) Under Fieldworks include

- (i) Construction of Jeep Tracks.
- (ii) Use of local timber for constructing tracks and Conduroy Roads.

(b) Under Bridging include

Construction of Timber trestles (lashed and bent).

(c) Under Mine warfare

It is not considered that a detailed "minefield gapping drill" need be taught, but a "minefield mine" should be included.

(d) Under all subjects add TWTs as in booklet issued to all BR personnel.

2. It is understood that an increased number of rfts are liable to be available shortly. If so the length of Engineer Training should be increased to 8 weeks if possible and the size of parties increased in proportion so that the output of trained personnel remains the same.

3. It is considered that the addendums given in para 1 above are more important than those mentioned in para 3 of the DTI letter. The six weeks programme as at present constituted, must be very crowded and allows little time for revision and testing the standard attained by students. With the above addendums 8 weeks could profitably be employed.

7675

J.H. BOND,
Major, R.E.,
for M.C.R.E.

BEST COPY POSSIBLE

COMANDO SCUOLA

ARTIGLIERIA

ORARIO ISTRUZIONI - SETTIMANA 12-17 FEBBRAIO

Giorni		7,30-8,30	8,30-9	9,05-10	10,05-11	13-13,45	13,50-14,35	14,40-15,25	15,30-16,30	NOTE
Lunedì				Cordami e nodi	Mecchine di circo- stanza.-	Nomenclatura ponti Bailey	Manovra cerico e tras- sp. elementi ponti	Geometria da campo e mi- sura angoli con mezzi di circo- stanza.-		
Martedì				idem	Moschetti automatici Tompson	Costruzioni di trincee				
Mercoledì				idem.	Fucile mitr. Bren	tr. Nomencl. ponte Bailey	Manovra cerico e tras- sp. el. ponti	Geometria da campo e misura angoli con mezzi di circo- stanza.-		
Giovedì				Nozioni sull'im- piego degli esplo- sivi.-		Costruzioni di trincee		Rivestimento con gabbione e graticci.-		
Venerdì				idem.	Moschetto automat. Tompson.	Costruzioni di strade e ponti di circo- stanza				
Sabato				idem.	Fucile mitr. Bren.-	A disposizione dei Comandanti di reparto.- Sport. e Giuochi.-				

1°)-Le istruzioni pomeridiane saranno effettuate normalmente al poligono.-

2°)-Nei giorni piovosi la Truppa rimarrà in Caserma e svolgerà istruzioni sui Regolamenti, in sostituzione dell'esercitazioni che non possono essere svolte all'aperto.

3°)-Delle ore 8 alle 8,30 rivista del mattino.

IL COMANDANTE LA SCUOLA ARTIGLIERIA
F. M. S. Ten. Col. S. FISICARO)

At Richmond
Rear

B.T.O.

ENGINEER TRAINING COURSE.

R.T.C. I.C.F.

1st Week. Subject FIELDWORKS.PROGRAMME.

DAY.	0730 - 0800	0900 - 0930	0935 - 1035	1040 - 1130	1300 - 1345	1350 - 1435	1440 -
1.	<u>PHYSICAL TRAINING.</u>	<u>DRILL.</u>	Introduction and Care of Tools	Knots and Lashings.	Defensive Works.	Field Geometry.	
2.			Knots and Lashings.	Construction of Unrevetted Fire Trench.	Construction of Unrevetted Fire Trench.		
3.			Knots and Lashings.	Revetting.	Revetting of Constructed Fire Trench.		
4.			Knots and Lashings.	Park Picket Holdfast.	Ordnance Picket. Baulk Holdfast. Anchorage.		
5.			Knots and Lashings.	Reeving of Tackles.	Construction of Derrick and Aerial.		
6.			Knots and Lashings.	Use of Bridging Girders.	Recreational Training.		

ENGINEER TRAINING CENTRE.

R.T.C. I.C.F.

1st Week. Subject FIELDWORKS.PROGRAMME.

0 - 1130	1300 - 1345	1350 - 1435	1440 - 1525	1530 - 1615	1620 - 1700	NIGHT.
ts and things.	Defensive Works.	Field Geometry.	Levelling. Sandbag Walling. Measurement of Angles.			
struction of revetted Trench.	Construction of Unrevetted Fire Trench. Task Work.					
vetting.	Revetting of Constructed Fire Trench.					
ck Picket holdfast.	Ordnance Picket. Baulk Holdfast. Anchorage.	B.M.S.				
ving of tackles.	Construction of Derrick and Aerial Ropeway. Use of Tackles.					
Use of bridging Cribs.	Recreational Training.					

7673

SCW/Reg

JAN 45

ENGINEER TRAINING CENTRE.

R.T.C. I.C.F.

2nd Week. Subject FIELDWORKS.PROGRAMME.

AY	0730 - 0800.	0900 - 0930.	0935 - 1035.	1040 - 1130.	1300 - 1345.	1350 - 1435.	1440 - 1530.
1.	PHYSICAL TRAINING.	H.M.L.	Knots and Lashings.	Layout of Stakes for wiring.	Construction of 100 yds of Triple.		
2.			Knots and Lashings.	Road Repair and Bridge Construction.	Laying of Broomfield Track and 3.		
3.			Practical Road Repair Work.		Construction of Corduroy Road.		
4.			Function, care and maintenance of Petter Engine.		Use of Petter Pumping S.	Use of Pulsonometer Pumps.	
5.			Knots and Lashings.	Use of Herricks Box. Water purification.	Setting up of a Water Point.		
6.		Tests of Elementary Training in Field Works.				Recreational Training	

ENGINEER TRAINING CENTRE.

R.T.O. I.C.F.

2nd Week. Subject FIELDWORKS.PROGRAMME.

7672

1130 - 1140.	1300 - 1345.	1350 - 1435.	1440 - 1525	1530 - 1615.	1620 - 1700	NIGHT.
Layout of Staves or wiring.	Construction of 100 yds of Triple, Bennett and Double Apron Fences.					
ad Repair drainage construction.	Laying of Summerfield Track and Coir Matting.					
epic Work	Construction of Corduroy Road.					
ed eter	Use of Ball Pumping S.	Use of Fulsonmeter Pumps.	BATHS.			
of cracks Box er ification.	Setting up of a Water Point.					Night Wiring.
2.	Recreational Training.					

ENGINEER TRAINING CENTRE.

M.F.C.

I.T.C.

3rd. Week. Subject MINE WARFARE.PROGRAMME.

DAY.	0730 - 0800	0830 - 0930	0935 - 1035	1040 - 1130	1300 - 1345	1350 - 1435	1440
1.	PHYSICAL TRAINING.	MINE.	Simple method of Charge initiation without electrical means.		Introduction to British non-demolition explosives.		
2.			Electrical method of initiating explosive charges.		British electrical explosives and equipment.		
3.			Types of charges for cutting mine or borehole detonations.		Practical Demolitions. Cutting		
4.			The Air compressor.	The Beehive and its uses.	Demolition in site of unexploded bombs and grenades etc:		
5.			Standard British Mines. Method of laying, arming and carrying.		Practical laying of $\sqrt{}$ Person shrapnel mine Mk. V. and O.P. Flare.		
6.			Method of laying and recording Minefields.		Recreational Training		

ENGINEER TRAINING CENTRE.

R.A.C.

I.T.C.

3rd. Week. Subject MINE WARFARE.PROGRAMME.

5	1040 - 1130	1300 - 1345	1350 - 1435	1440 - 1525	1530 - 1615	1620 - 1700	NIGHT.	
Method of Charge without electrical fuses.		Introduction to British non- electrical demolition explosives.			Setting up Safety Fuse initiated firing circuit.			
Method of explosive fuses.		British electrical explosives stores and equipment.			setting up an electrical firing circuit.			
Charges for trench or borehole fuses.		Practical Demolitions. Cutting Wired and Borehole charges.						
The Beehive and its uses.		Demolition in site of unexploded bombs and grenades etc:			BATHS.			
British Mines. Laying, arming, fusing.		Practical laying of $\frac{1}{4}$ Personnel shrapnel mine Mk. V. and O.P. Flare.			Effect of exploded Mk. V. mine $\frac{1}{4}$ Personnel shrapnel. O.P. Flare.			
Laying and Minefields.		Recreational Training.						

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SEABOARD TRAINING CENTRE.

R.T.O. I.A.S.

4th Year. Subject MINE WARFARE.SYLLABUS.

Sl. No.	0730 - 0800	0800 - 0900	0900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400
1.	PHYSICAL TRAINING.	DRILL.	Laying of minefields.		Laying of minefields.		
2.			Mines Detection. Use of probes and Polish mine detector.		Maintenance, Tuning and correct		
3.			Method of processing of minefields.	Gap Marking equipment.	Demonstration of Capping Drill.		Practice
4.			Demonstration of road clearing drill	Practical Road Clearing Drill.	Road Clearing Drill.		
5.			Enemy Booby Traps.	Mined Road Test.	Practical laying and clearing of		
6.			Tests of elementary Training in demolitions and Mine Warfare.		Recreational Training.		

ENGLISH TRAINING CENTRE,

R.P.O. I.P.O.

7670

4th Wave, Subject MINES AND MINE DETECTORS.PROGRAMME

1040 - 1100.	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1615.	1620 - 1700	NIGHT.
and lighters. (only). Method laying and g.	Laying of minefield, charting and marking.						
ion. Use of Polish mine r.	Maintenance, Tuning and correct use of the Polish Mine Detector.						
Gap Marking equipment.	Demonstration of Capping Drill.	Practical Capping Drill.				Night Minefield Laying.	
Practical Road Clearing Drill.	Road Clearing Drill.	B.T.C.					
Mined Road Test.	Practical laying and clearing of Booby Traps in houses.						Night Capping of Minefield.
Summary Exercises Part.	Recreational Training.						

ENGINEER TRAINING CENTRE.

R.T.C.

I.C.F.

5th Week. Subject. BRIDGING.PROGRAMME.

DAY.	0730 - 0800.	0900 - 0930	0935 - 1035.	1040 - 1130.	1300 - 1345.	1350 - 1435.	1440
1.	PHYSICAL TRAINING.	LUNCH.	Introduction to Bailey parts.		Carriage of parts. Layout of site.		
2.			Gap Measuring.	Preparation of Bankseats.	Prepare Bankseats for two 80 ft		
3.			Construction of 80 foot.		Double Single Bailey in slo		
4.			Dismantle and reconstruct on same site.		reconstruct on same site.		
5.			Demonstration use of chord jacks.	Complete Bridge.	Double up certain bays of bridge.		Main in
6.			Dismantle.			Recreational Training.	

ENGINEER TRAINING CENTRE.

R.T.C.

I.C.F.

5th Week, Subject. BRIDGING.PROGRAMME.

PROGRAMME.						
040 - 1130.	1300 - 1345.	1350 - 1435.	1440 - 1525.	1530 - 1615.	1620 - 1700.	NIGHT.
8 Bailey	Carriage of parts. Layout of stores on site.					
Preparation of Bankseats.	Prepare Bankseats for two 80 foot Baileys.					
8 80 foot.	Double Single Bailey in slope to					
reconstruct	reconstruct on same site.		BATHS.			
Complete Bridge.	Double up certain bays of bridge.		Maintenance required in Bridge.		Skin Decking.	
	Recreational Training.					

ENGINEER TRAINING CENTRE,

R.T.C. I.C.F.

6th Week . Subject Bridging.PROGRAMME.

PROGRAMME.							
DAY,	0730 - 0800.	0900 - 0930.	0935 - 1035.	1040 - 1130.	1300 - 1345.	1350 - 1435.	1440
1.	PHYSICAL TRAINING.	TRAIN.	Preparation of fresh Bankseats.		Construction of Triple Single Br		
2.			Dismantle.		Construction of Double Single Br		
3.			Dismantle.		Load up equipment into lorry loc		
4.		Scheme. Transport and unload equipment at new site. Lay out equipment. Prepare br					
5.		Dismantle and return of equipment to old site.					
6.		Tests of elementary training.				Recreational T	

ENGINEER TRAINING CENTRE.

R.T.C. I.C.F.

6th Week . Subject Bridging.

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PROGRAMME.

PROGRAM SHEET NO. 1							
5.	1040 - 1130.	1300 - 1345.	1350 - 1435.	1440 - 1525.	1530 - 1615.	1620 - 1700.	NIGHT.
	of fresh seats.	Construction of Triple Single Bridge in slow time.					
	le.	Construction of Double Single Bridge. Double Time. Task Work.					
	le.	Load up equipment into lorry loads.					
Scheme. Equipment at new site. Lay out equipment. Prepare berths. Build.							Construction possibly night.
f equipment to		old site.		BATHS.			
dining.		Recreational Training.					

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